

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070316.D
 Acq On : 27 Dec 2021 18:09
 Operator : JC/MD
 Sample : VN1227MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:41:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1114567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1829905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1684057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	656839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	861666	53.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.54%			
35) Dibromofluoromethane	8.021	113	605173	54.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.32%			
50) Toluene-d8	10.440	98	2414733	53.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.78%			
62) 4-Bromofluorobenzene	12.731	95	846859	51.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	249936	19.77	ug/l	98
3) Chloromethane	2.303	50	316940	18.43	ug/l	99
4) Vinyl Chloride	2.448	62	287349	18.36	ug/l	97
5) Bromomethane	2.856	94	171943	21.28	ug/l	99
6) Chloroethane	3.022	64	169689	18.00	ug/l	98
7) Trichlorofluoromethane	3.379	101	351041	18.63	ug/l	95
8) Diethyl Ether	3.824	74	160183	19.28	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	223167	19.36	ug/l	96
10) Methyl Iodide	4.422	142	293651	18.83	ug/l	99
11) Tert butyl alcohol	5.377	59	275539	103.26	ug/l	96
12) 1,1-Dichloroethene	4.181	96	211114	18.60	ug/l	88
13) Acrolein	4.041	56	182354	84.23	ug/l	100
14) Allyl chloride	4.843	41	487775	18.95	ug/l	89
15) Acrylonitrile	5.554	53	831248	99.83	ug/l	99
16) Acetone	4.288	43	905349	87.03	ug/l	97
17) Carbon Disulfide	4.529	76	565857	18.26	ug/l	98
18) Methyl Acetate	4.856	43	585483	19.46	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	845598	20.06	ug/l	95
20) Methylene Chloride	5.098	84	272050	18.90	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	229444	19.09	ug/l	86
22) Diisopropyl ether	6.495	45	990323	19.76	ug/l	94
23) Vinyl Acetate	6.433	43	3927379	100.98	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	490614	18.88	ug/l	99
25) 2-Butanone	7.335	43	1245159	95.06	ug/l	91
26) 2,2-Dichloropropane	7.324	77	375021	18.29	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	277370	19.34	ug/l	87
28) Bromochloromethane	7.656	49	195236	15.36	ug/l #	78
29) Tetrahydrofuran	7.686	42	803611	102.83	ug/l	88
30) Chloroform	7.817	83	481104	19.19	ug/l	99
31) Cyclohexane	8.094	56	490595	19.40	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	401566	18.99	ug/l	97
36) 1,1-Dichloropropene	8.220	75	350245	19.12	ug/l	96
37) Ethyl Acetate	7.412	43	488400	20.57	ug/l	96
38) Carbon Tetrachloride	8.204	117	329357	18.83	ug/l	98
39) Methylcyclohexane	9.459	83	428190	19.31	ug/l #	88
40) Benzene	8.458	78	1086569	19.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	239394	20.16	ug/l	90
42) 1,2-Dichloroethane	8.528	62	422094	20.00	ug/l	97
43) Isopropyl Acetate	8.560	43	752637	20.11	ug/l #	94
44) Trichloroethene	9.215	130	254198	19.05	ug/l	88
45) 1,2-Dichloropropane	9.488	63	295495	19.54	ug/l	99
46) Dibromomethane	9.577	93	186420	19.83	ug/l	94
47) Bromodichloromethane	9.762	83	363022	19.45	ug/l	98
48) Methyl methacrylate	9.558	41	347598	19.47	ug/l	86
49) 1,4-Dioxane	9.569	88	110481	422.73	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	2424271	103.07	ug/l	97
52) Toluene	10.505	92	666199	19.60	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	396730	19.63	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	428350	19.59	ug/l	93
55) 1,1,2-Trichloroethane	10.896	97	265666	19.76	ug/l	97
56) Ethyl methacrylate	10.759	69	441629	19.88	ug/l	89
57) 1,3-Dichloropropane	11.044	76	474880	19.97	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	378512	80.26	ug/l	91
59) 2-Hexanone	11.084	43	1716630	100.08	ug/l	94
60) Dibromochloromethane	11.237	129	255276	19.46	ug/l	99
61) 1,2-Dibromoethane	11.344	107	271398	19.88	ug/l	99
64) Tetrachloroethene	10.977	164	234891	19.26	ug/l	92
65) Chlorobenzene	11.768	112	694065	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	243927	19.12	ug/l	99
67) Ethyl Benzene	11.843	91	1281006	19.57	ug/l	97
68) m/p-Xylenes	11.953	106	943522	39.59	ug/l	93
69) o-Xylene	12.280	106	465952	19.66	ug/l	92
70) Styrene	12.294	104	735031	19.59	ug/l	96
71) Bromoform	12.457	173	179694	18.98	ug/l #	99
73) Isopropylbenzene	12.578	105	1210096	19.84	ug/l	98
74) N-amyl acetate	12.387	43	490813	19.14	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	405286	19.26	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	343203m	19.42	ug/l	
77) Bromobenzene	12.859	156	271277	19.37	ug/l	76
78) n-propylbenzene	12.918	91	1346595	19.92	ug/l	97
79) 2-Chlorotoluene	13.007	91	850675	19.62	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	988360	20.22	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	101002	18.79	ug/l	93
82) 4-Chlorotoluene	13.104	91	797755	19.64	ug/l	92
83) tert-Butylbenzene	13.323	119	837983	19.47	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	965666	20.52	ug/l	96
85) sec-Butylbenzene	13.500	105	1161073	19.87	ug/l	97
86) p-Isopropyltoluene	13.613	119	920178	20.05	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	453979	19.37	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	436704	18.88	ug/l	95
89) n-Butylbenzene	13.940	91	710488	18.56	ug/l	97
90) Hexachloroethane	14.211	117	154155	19.33	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	438870	19.10	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67473	19.10	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	201090	18.57	ug/l	99
94) Hexachlorobutadiene	15.370	225	125865	20.00	ug/l	99
95) Naphthalene	15.507	128	522721	18.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	197738	19.60	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

